

ABSTRACT OF THE DISCLOSURE

An installation for densification of porous substrates by
5 CVI comprises an oven, a zone for loading substrates in the
oven, means for heating substrates loaded in the loading zone,
at least one inlet for admitting reactive gas in the oven, and
at least one gas heating zone situated in the oven between the
reactive gas inlet and the loading zone. At least one gas
10 preheating device is located outside the oven and is connected
to the gas inlet so as to preheat the reactive gas before it
enters the oven.

Figure 1.